

DMR Monitoring Programs

Water Quality (fecal coliform) Testing
Shoreline Surveys (coast ~250' from shore)
Biotoxin Shellfish Testing
Phytoplankton Monitoring
ME/NH Inshore Trawl Survey
Landings Data
Coastal Program Mapping Initiatives

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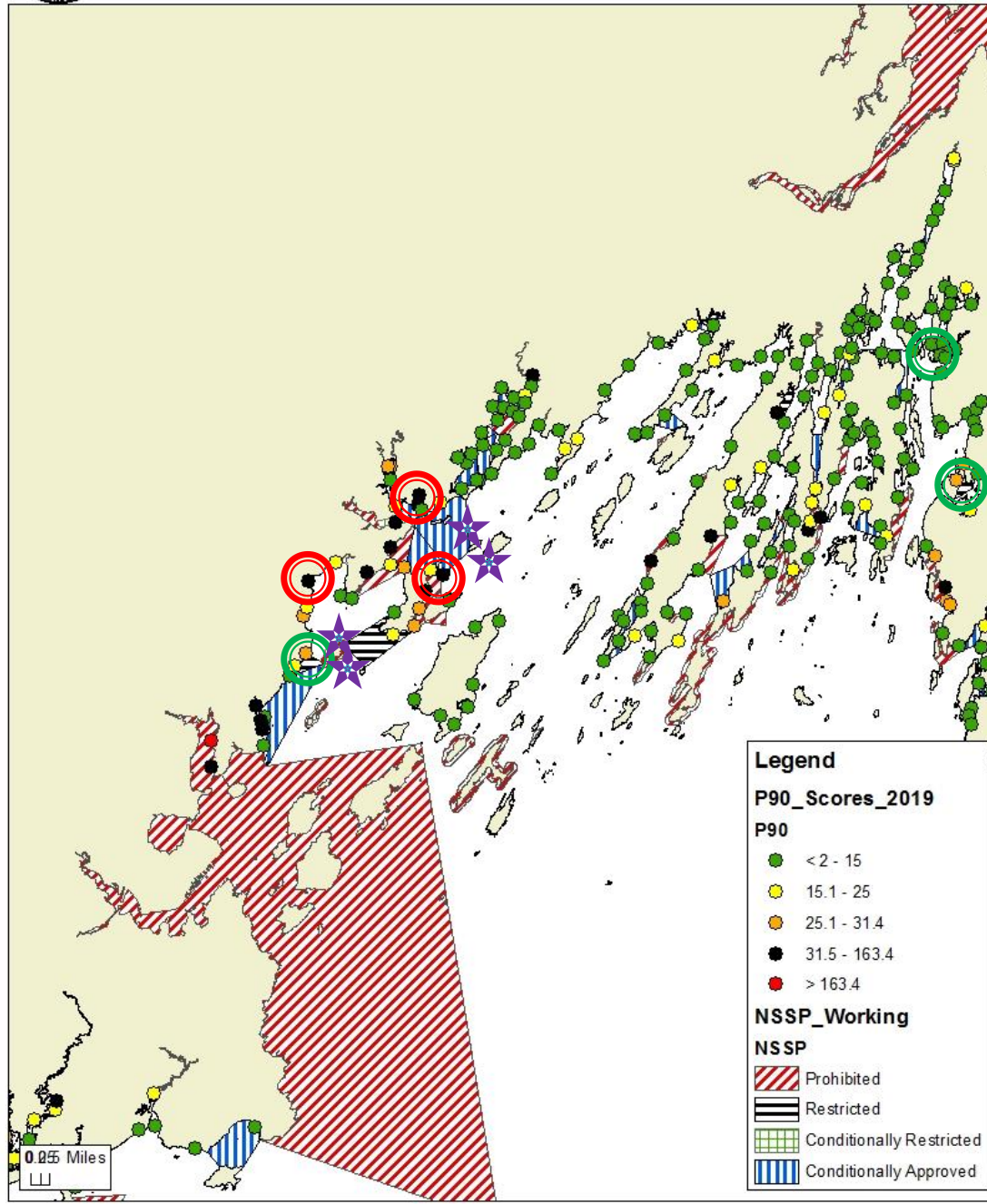
CBEP Monitoring Network
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Maine Department Marine Resources
DMR Water Quality Stations in Casco Bay



- 226 sampling stations in 2019
- Fecal coliform testing
- New aquaculture-related testing sites

Legend

P90_Scores_2019

P90

- < 2 - 15
- 15.1 - 25
- 25.1 - 31.4
- 31.5 - 163.4
- > 163.4

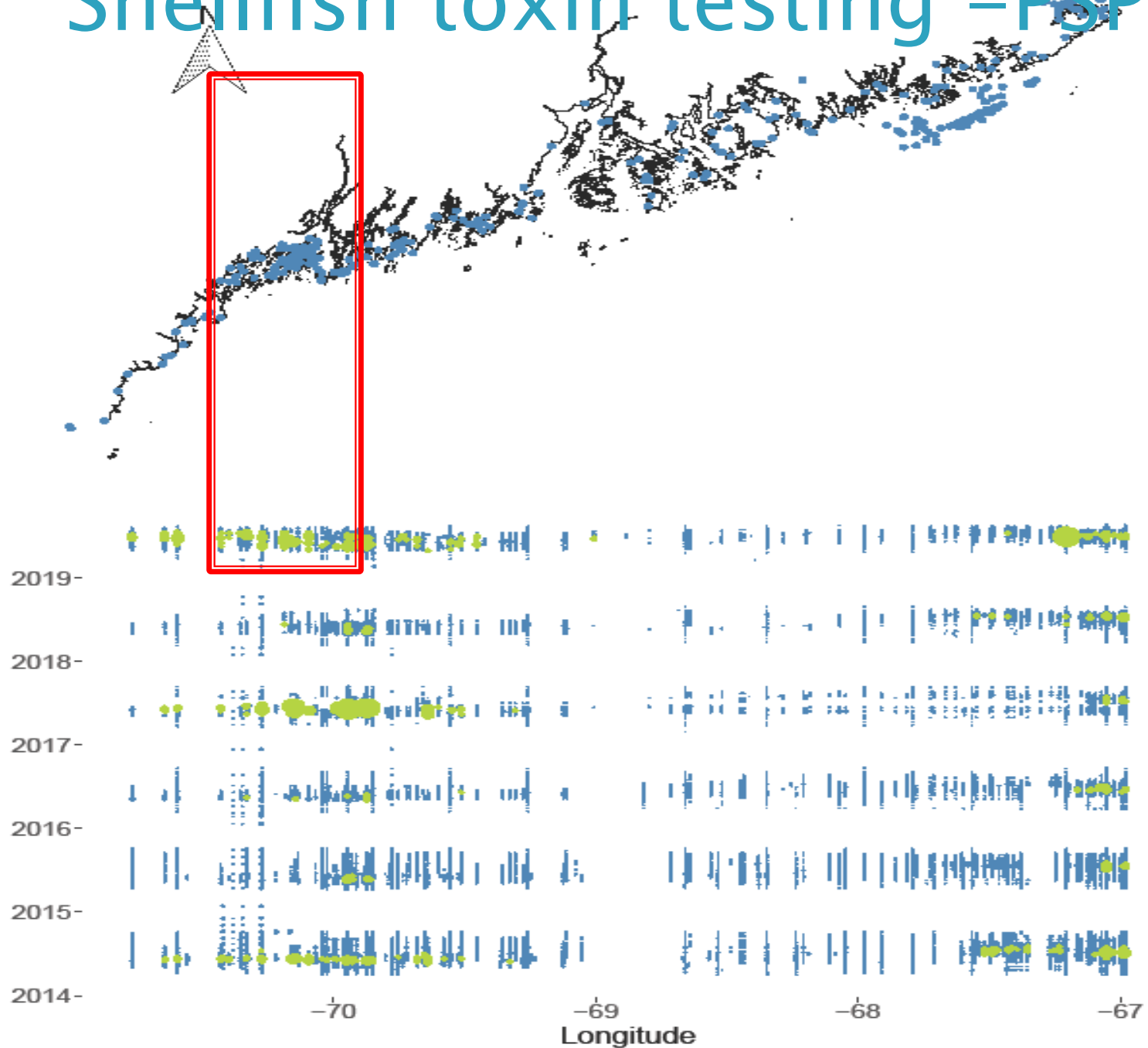
NSSP_Working

NSSP

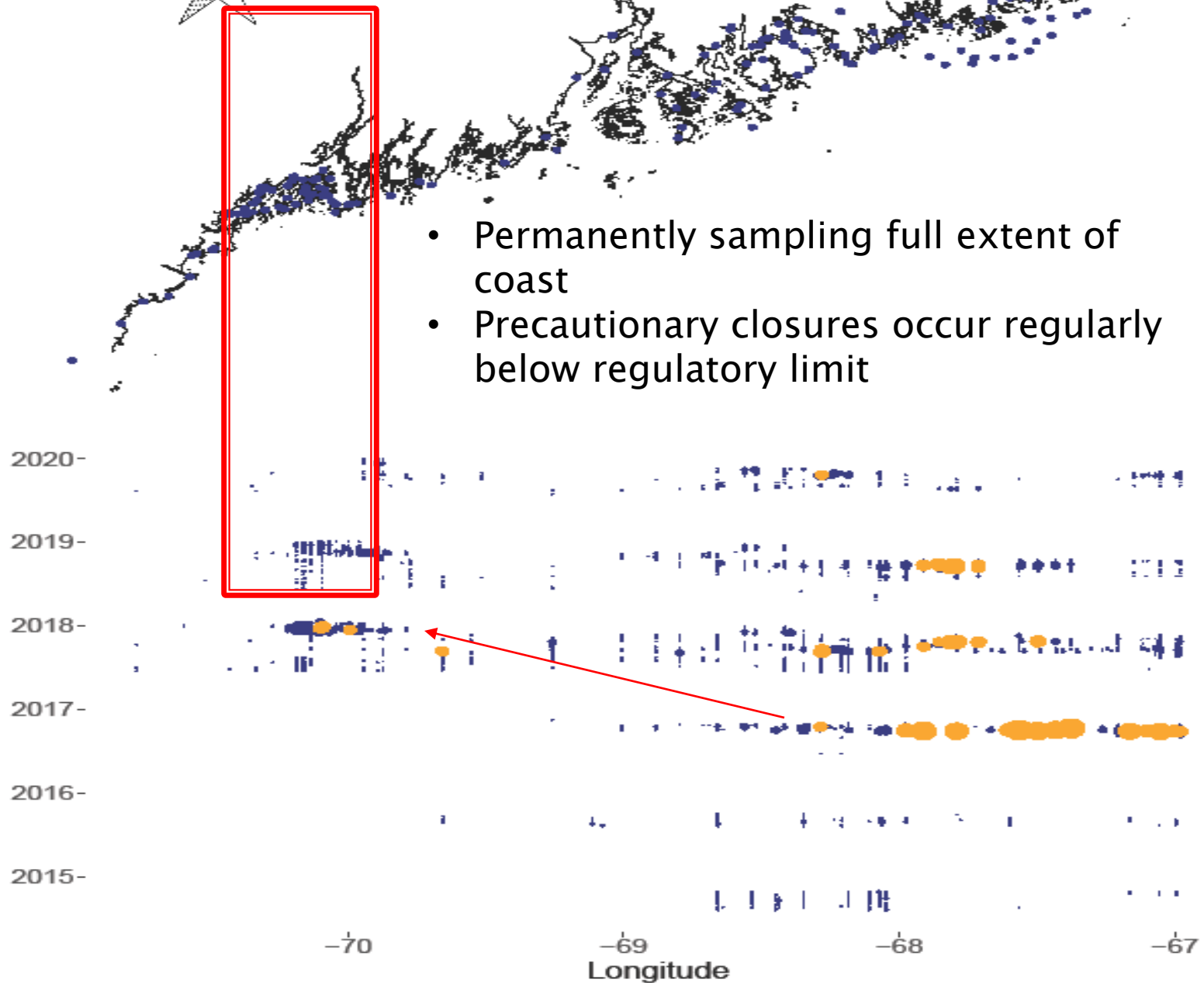
- ▨ Prohibited
- ▨ Restricted
- ▨ Conditionally Restricted
- ▨ Conditionally Approved

- ★ New station
- Downgrade
- Upgrade

Shellfish toxin testing – PSP



Shellfish toxin testing – ASP



- ▶ *Water Quality (fecal coliform) Testing*
 - *Bay water temperatures*
 - *Pathogens in marine waters*
- ▶ *Shoreline Surveys (coast ~250' from shore)*
 - *Includes land use changes over time*
 - *Working and failing septic systems*
- ▶ *Biotoxin Shellfish Testing*
 - *Biotoxin accumulation in shellfish*
- ▶ *Phytoplankton Monitoring*
 - *Persistence of harmful algal blooms, includes volunteer efforts*
- ▶ *ME/NH Inshore Trawl Survey*
 - *Health of marine ecosystem, trends in fish communities*
- ▶ *Landings Data*
 - *Harvest of marine resources, may have ecosystem health applications*
- ▶ *Coastal Program Mapping Initiatives*
 - *Marine habitat (seafloor) changes over time*